

Quantitation Report (QT Reviewed)

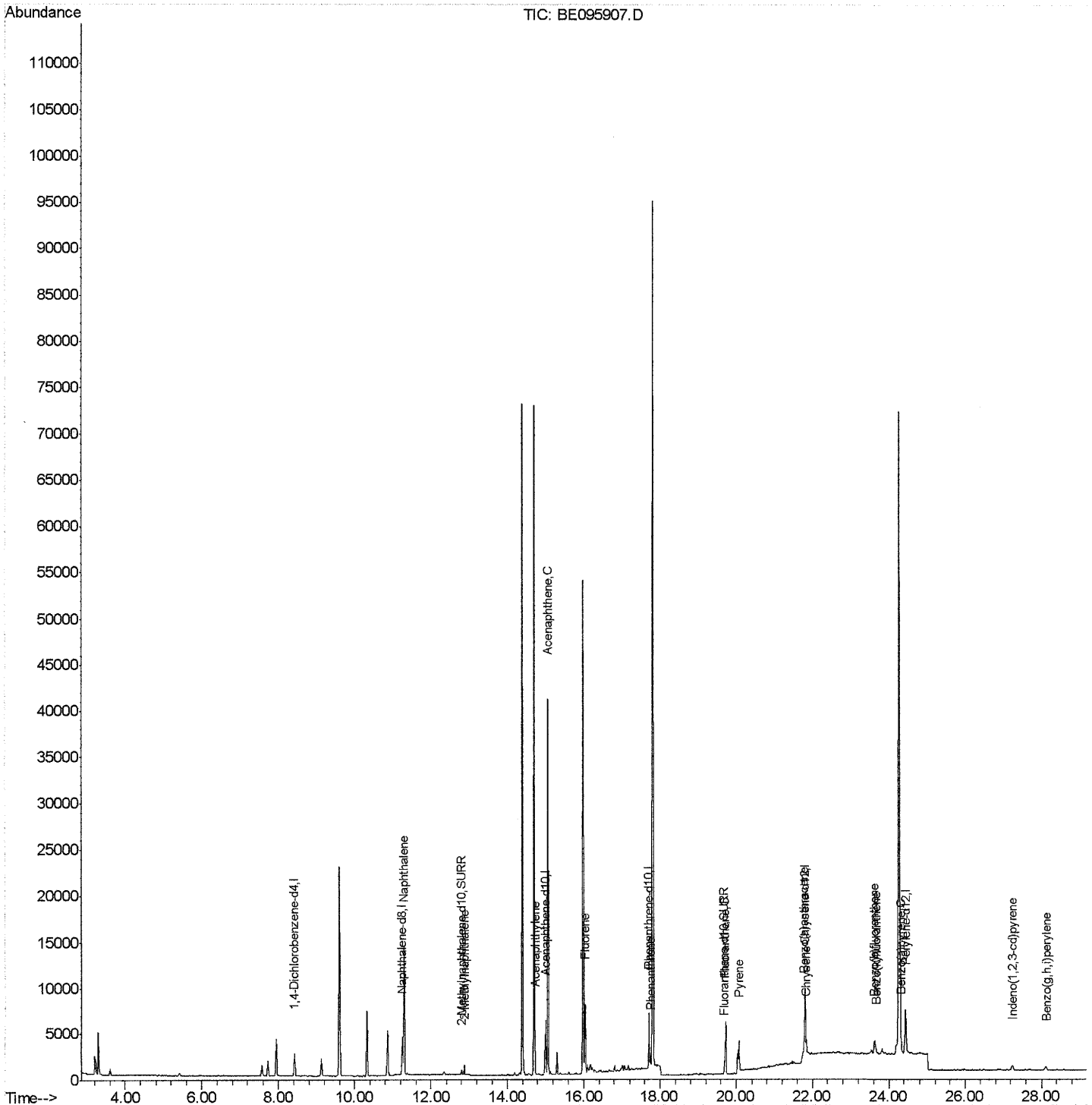
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 17:09:31 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

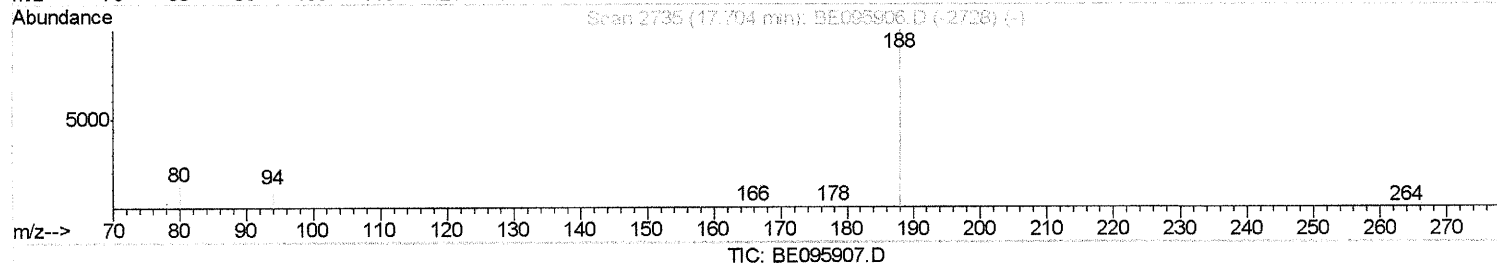
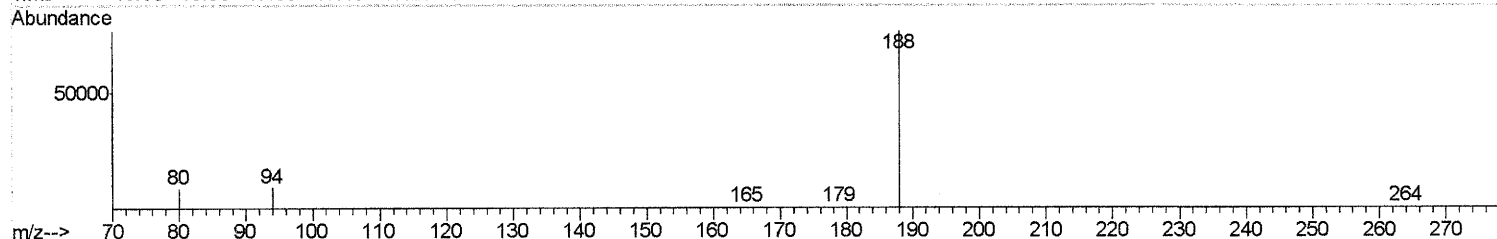
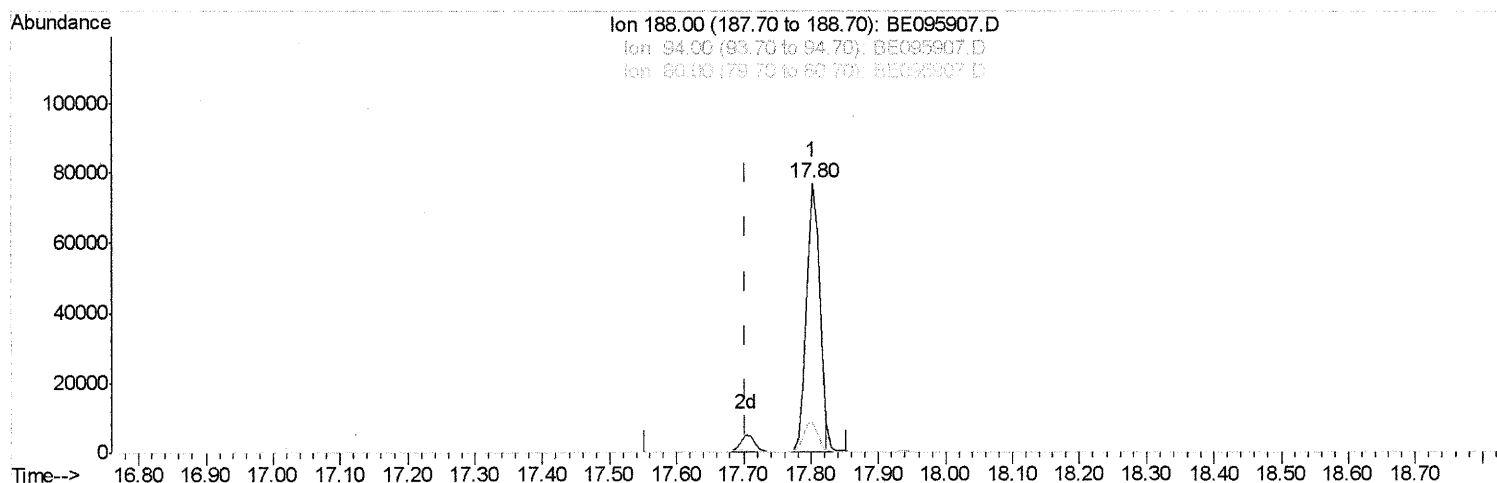
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 16:40:51 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.802min (+0.098) 0.40ng/ul

response 107314

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.58
80.00	11.80	10.87
0.00	0.00	0.00

Quantitation Report (Qedit)

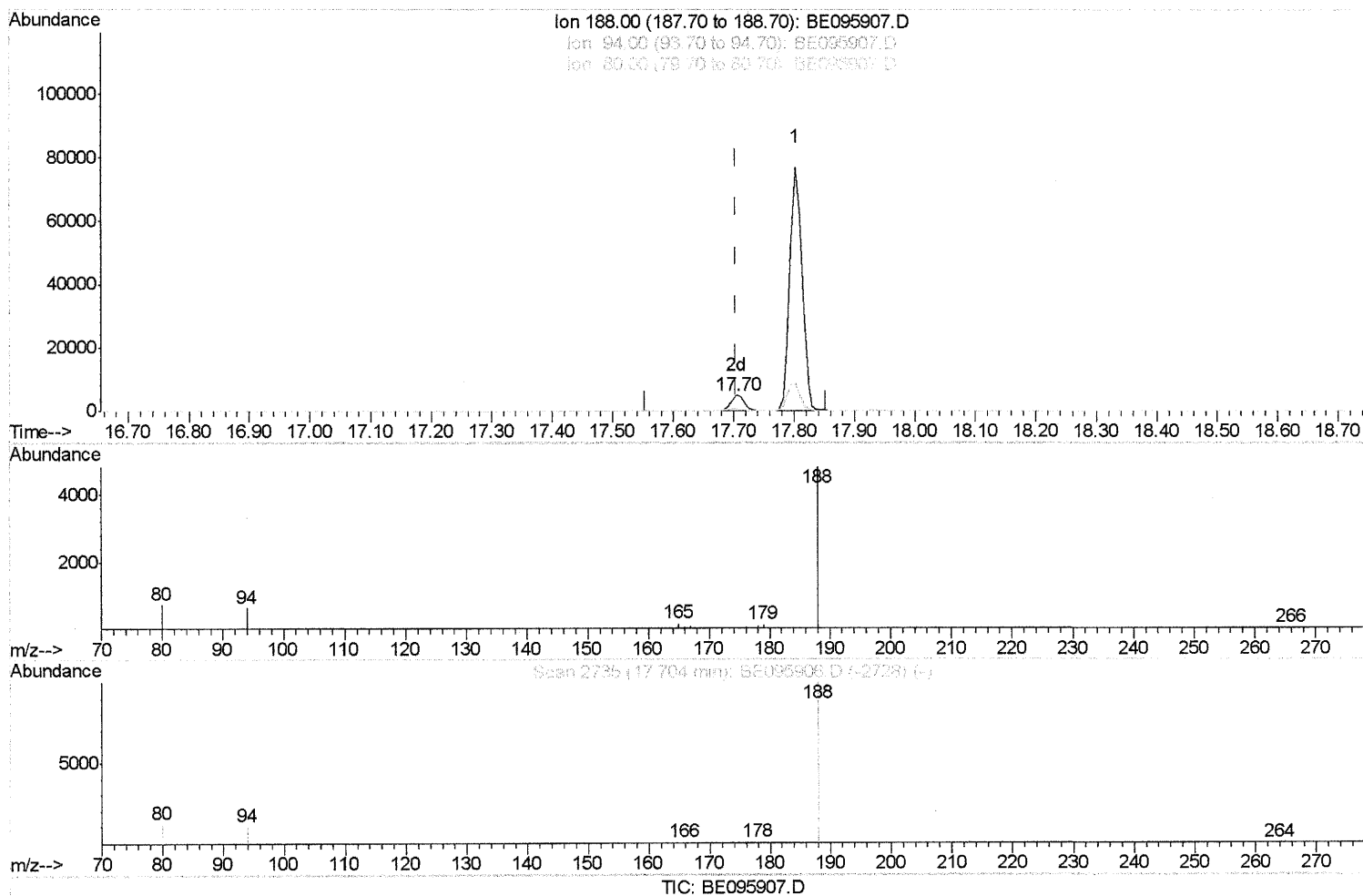
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 16:40:51 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.703min (-0.001) 0.40ng/ul m

10 3/30/18

response 7085

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.82#
80.00	11.80	15.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

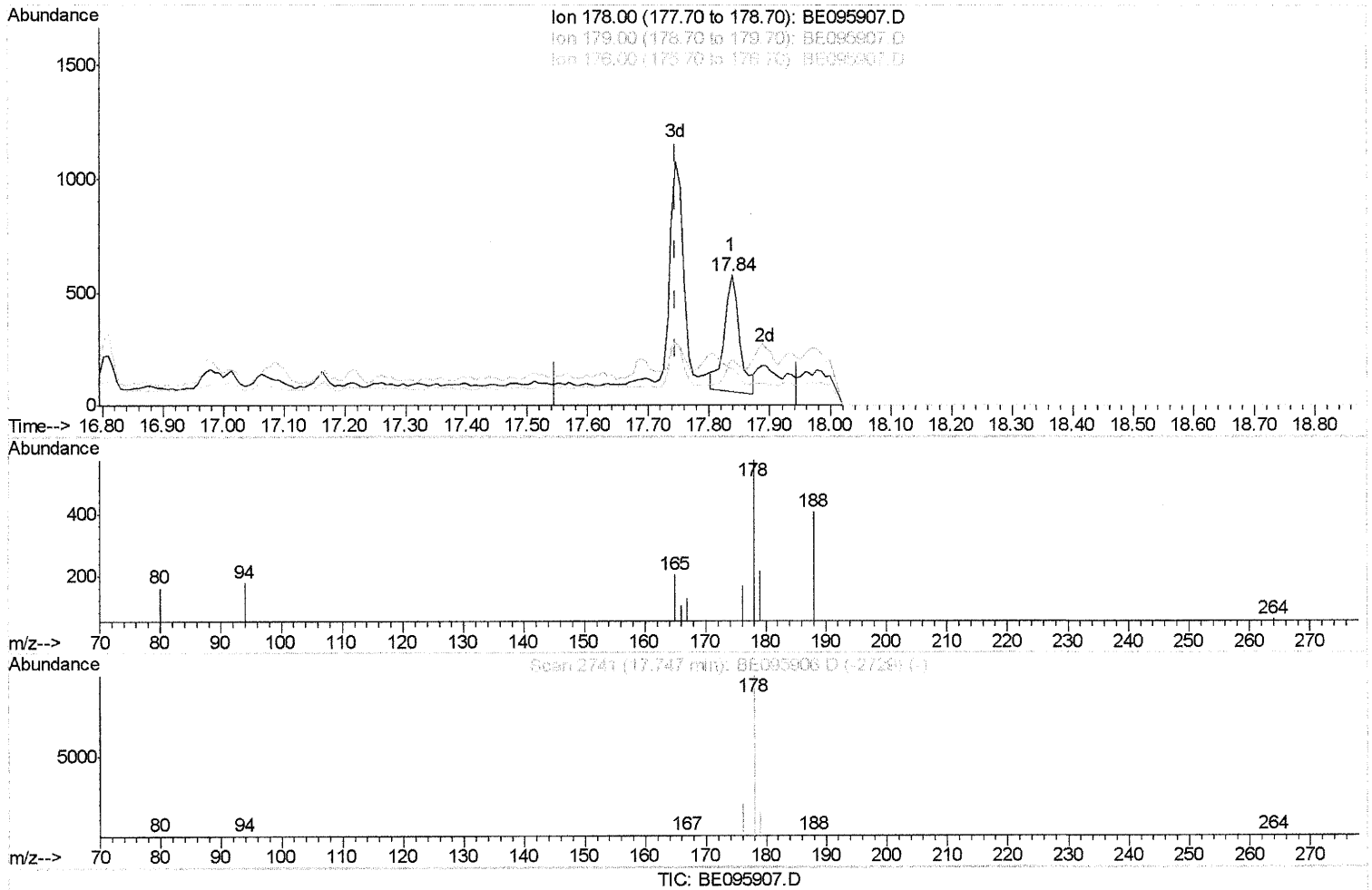
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 16:41:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



(12) Phenanthrene

17.837min (+0.090) 0.04ng/ul

response 930

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	36.74#
176.00	17.00	29.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

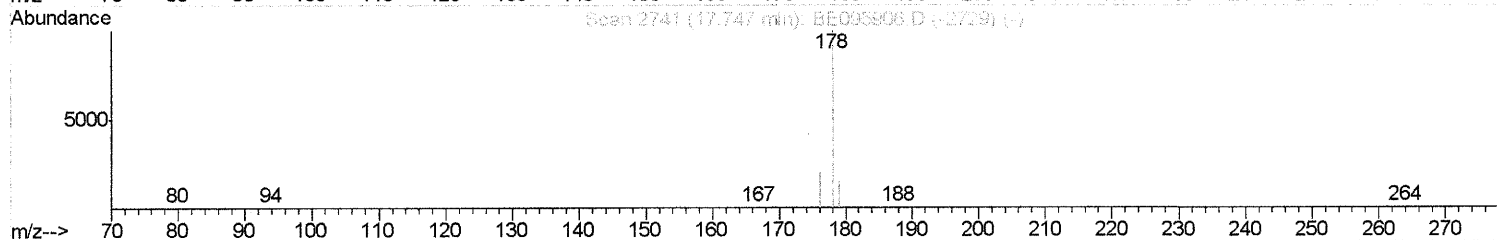
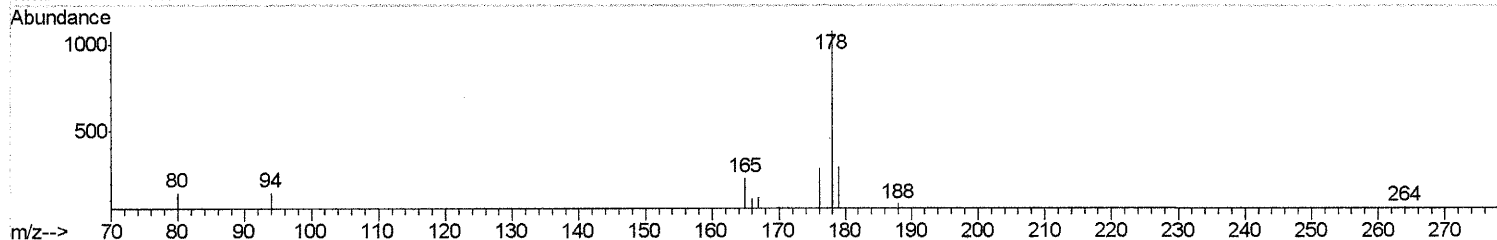
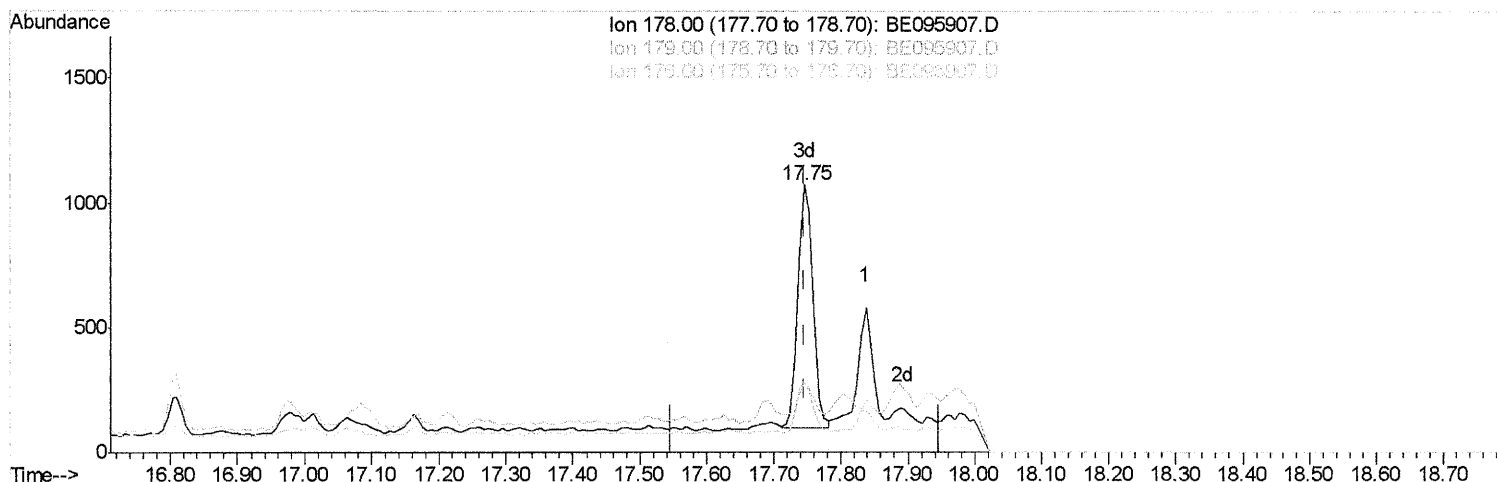
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 16:41:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



TIC: BE095907.D

(12) Phenanthrene

17.745min (-0.001) 0.07ng/ul m

10 3/30/18

response 1483

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	27.04
176.00	17.00	26.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

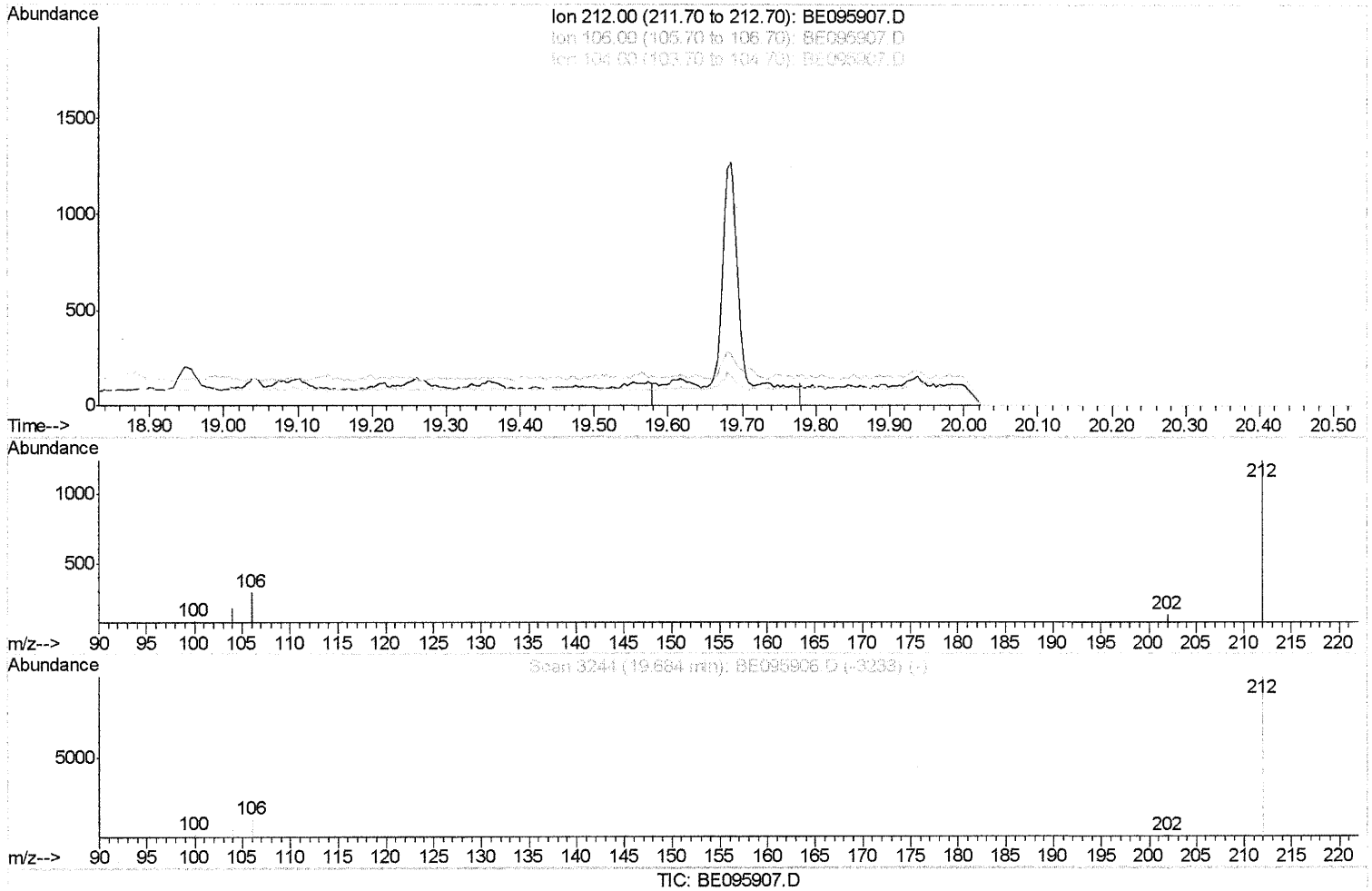
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 16:41:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.681min (-19.681) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

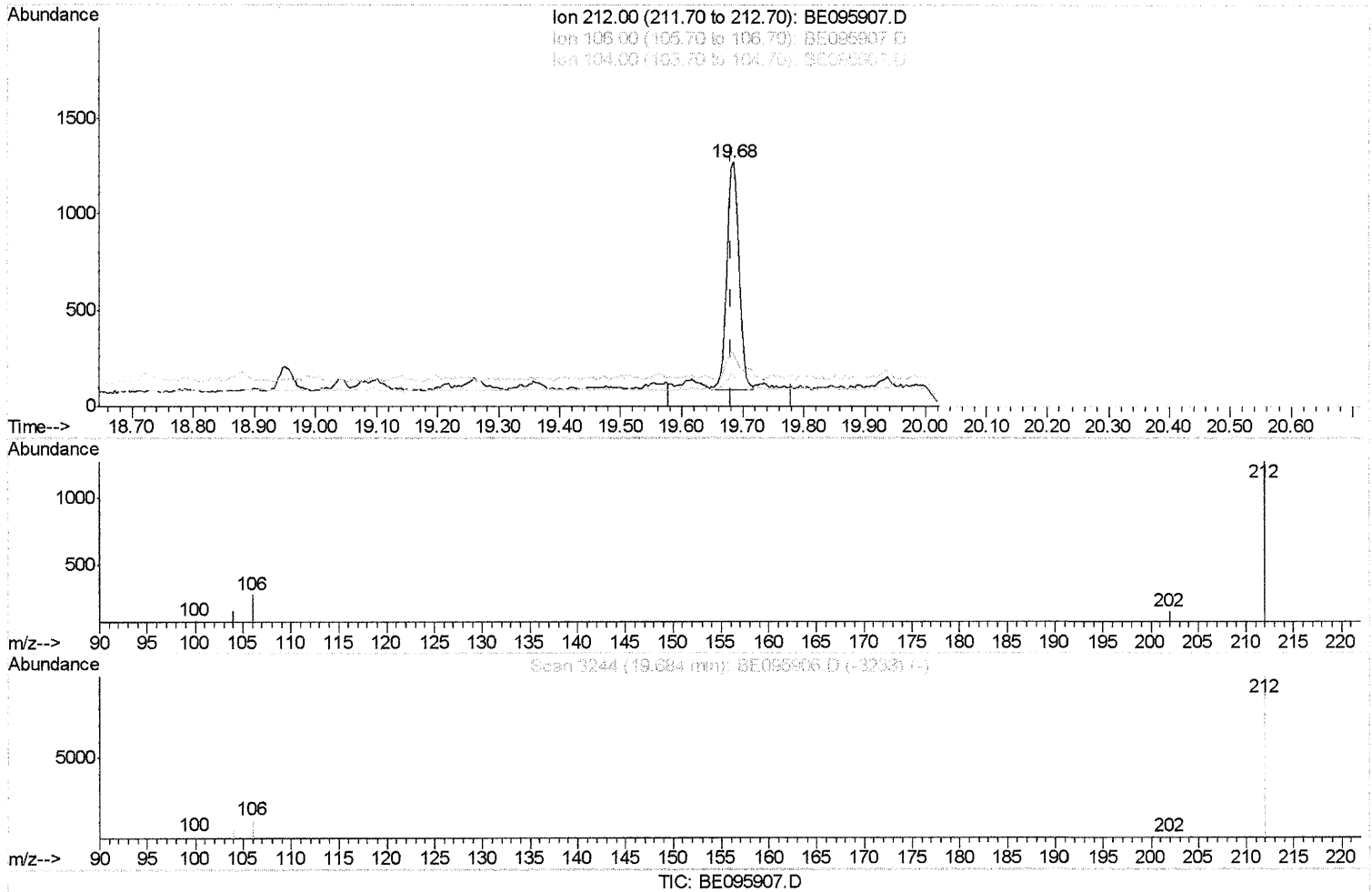
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 16:41:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.684min (+0.003) 0.07ng/ul m

response 1619

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Handwritten: 10 3/13/18 JU 3/30/18

Quantitation Report (Qedit)

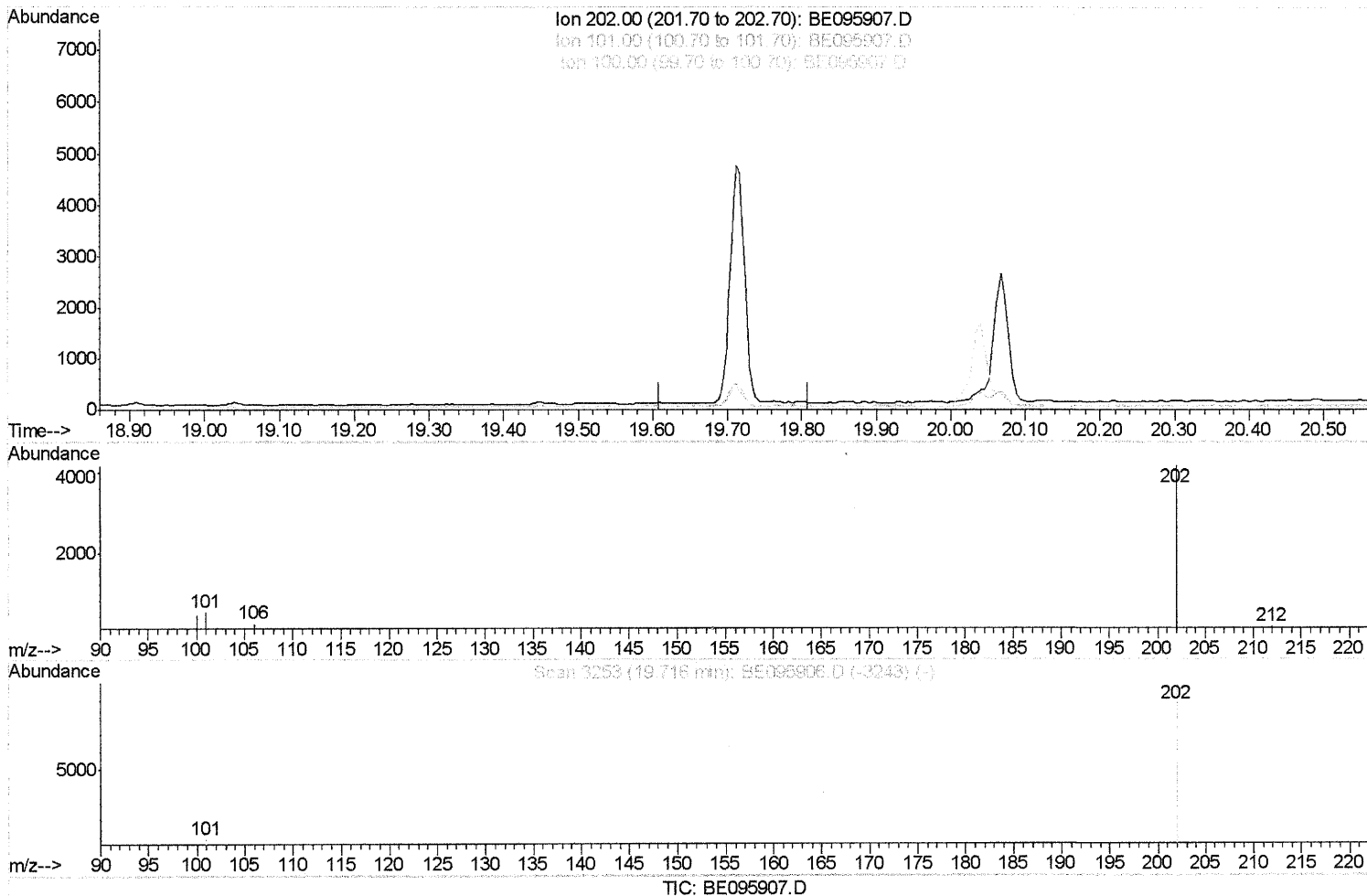
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 16:41:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QIast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.709min (-19.709) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.30	0.00
100.00	19.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

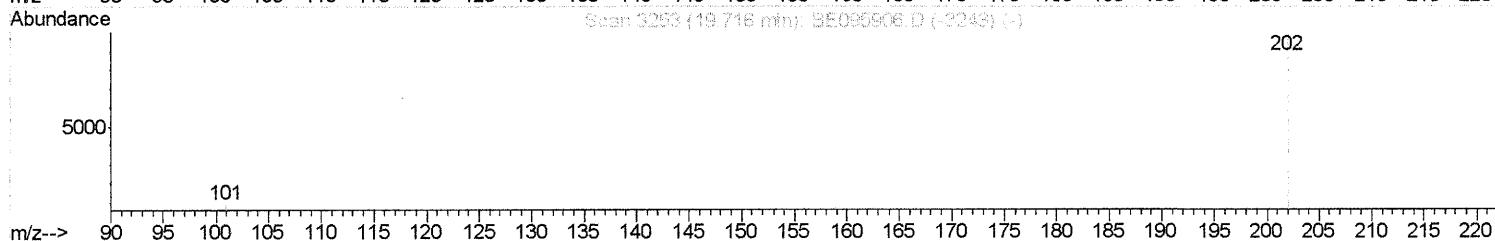
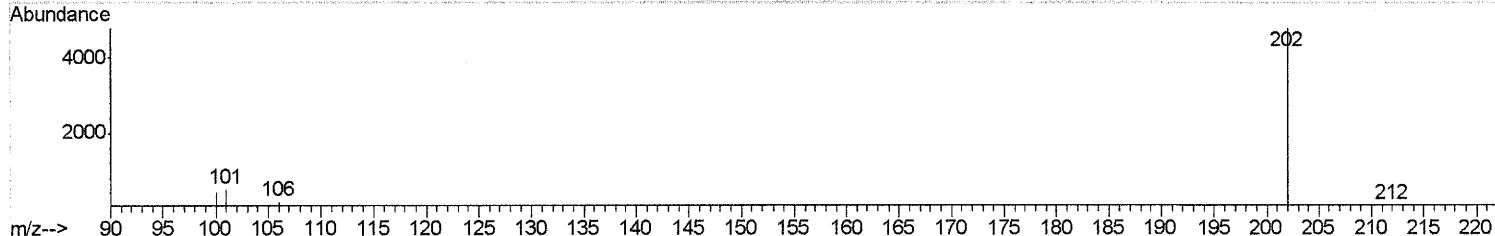
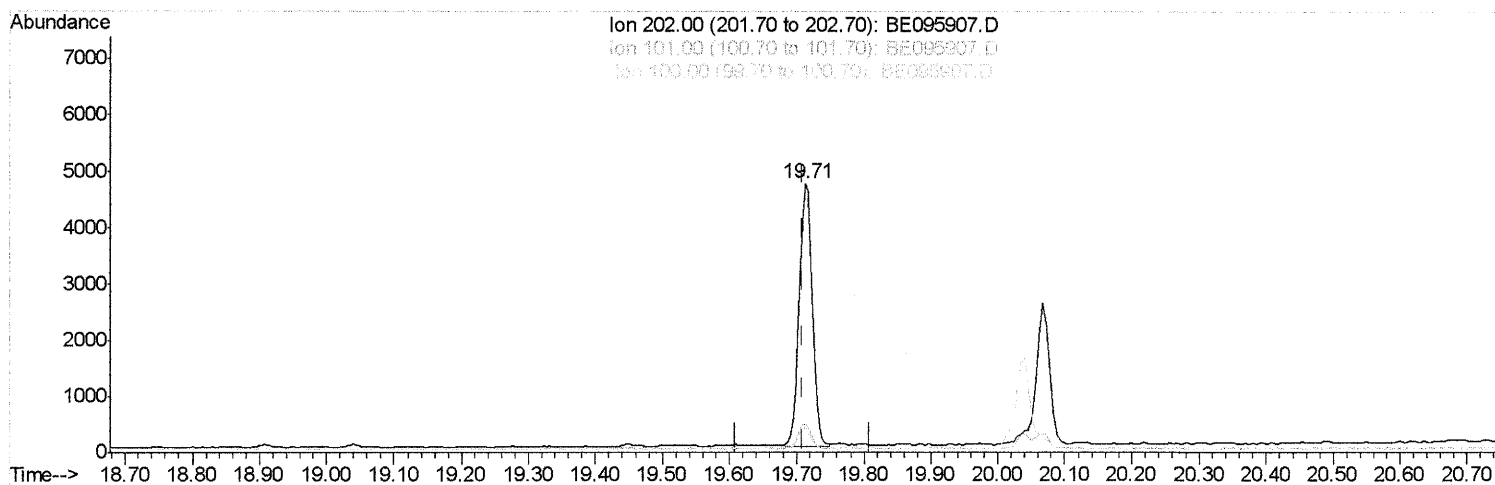
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 16:41:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



TIC: BE095907.D

(15) Fluoranthene (C)

19.712min (+0.003) 0.24ng/ul m

response 6252

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.85
100.00	19.50	9.62
0.00	0.00	0.00

~~10 3/13~~ 10 3/30/18

Quantitation Report (Qedit)

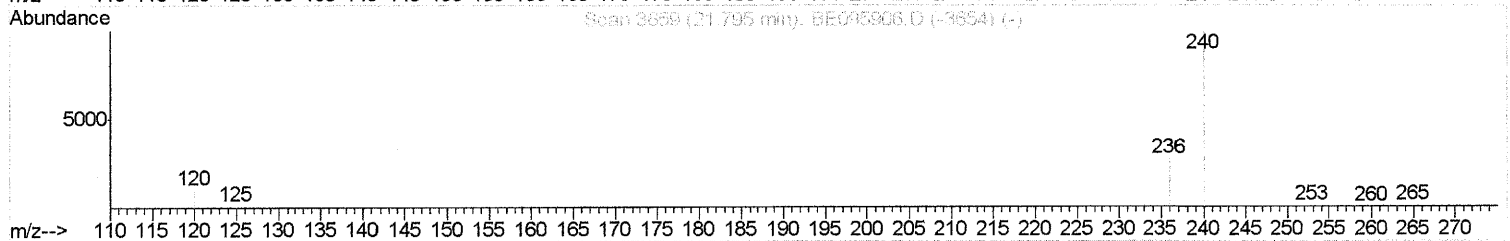
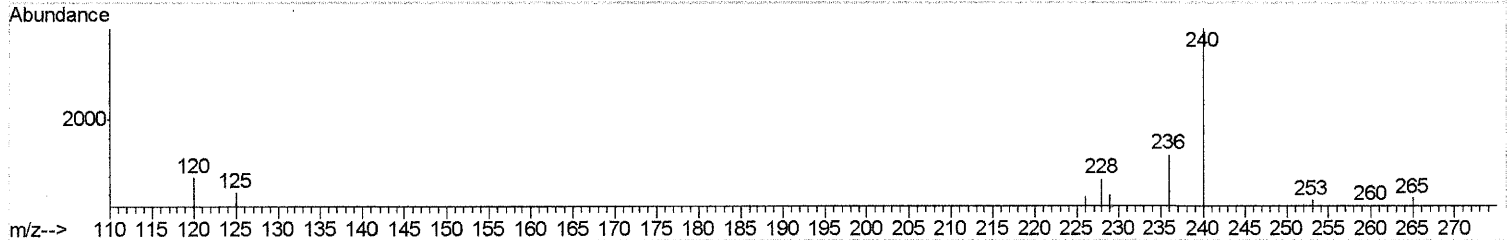
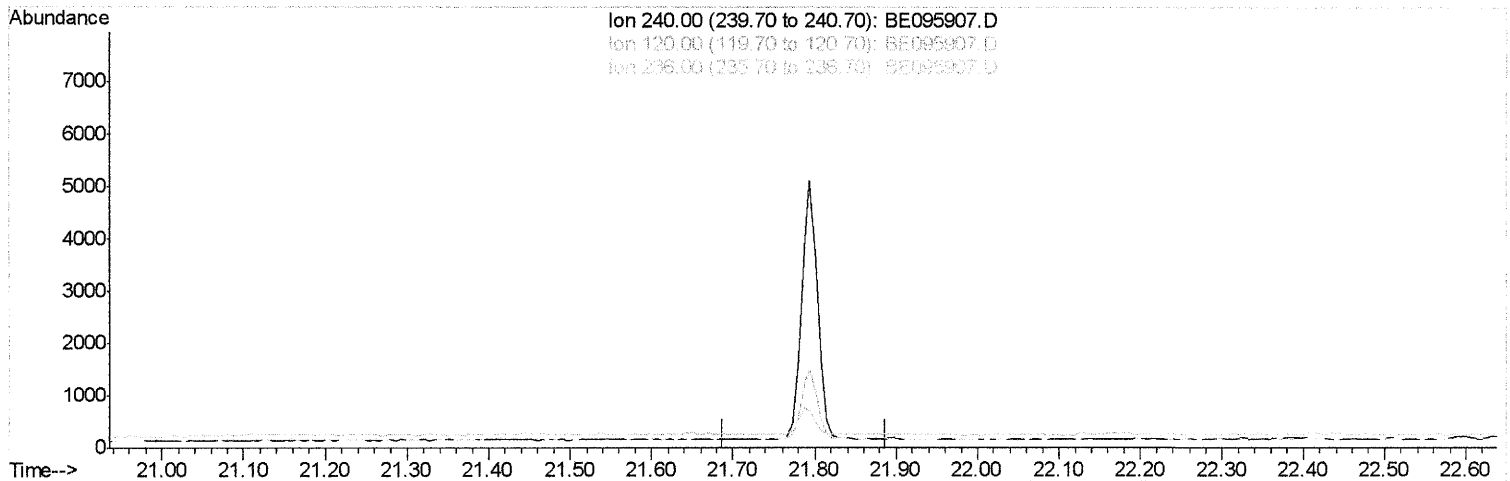
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 16:41:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



TIC: BE095907.D

(16) Chrysene-d12 (I)

21.788min (-21.788) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.60	0.00#
236.00	34.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

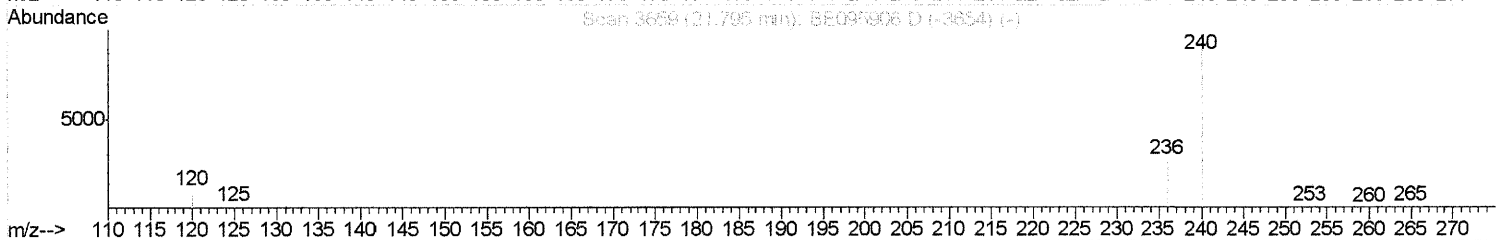
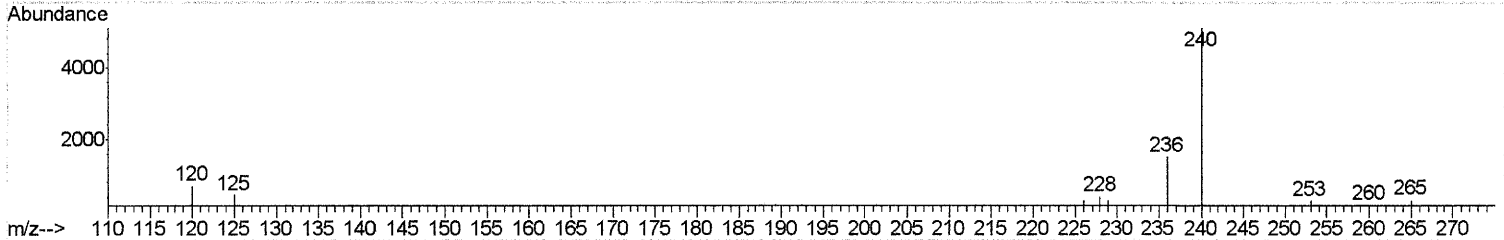
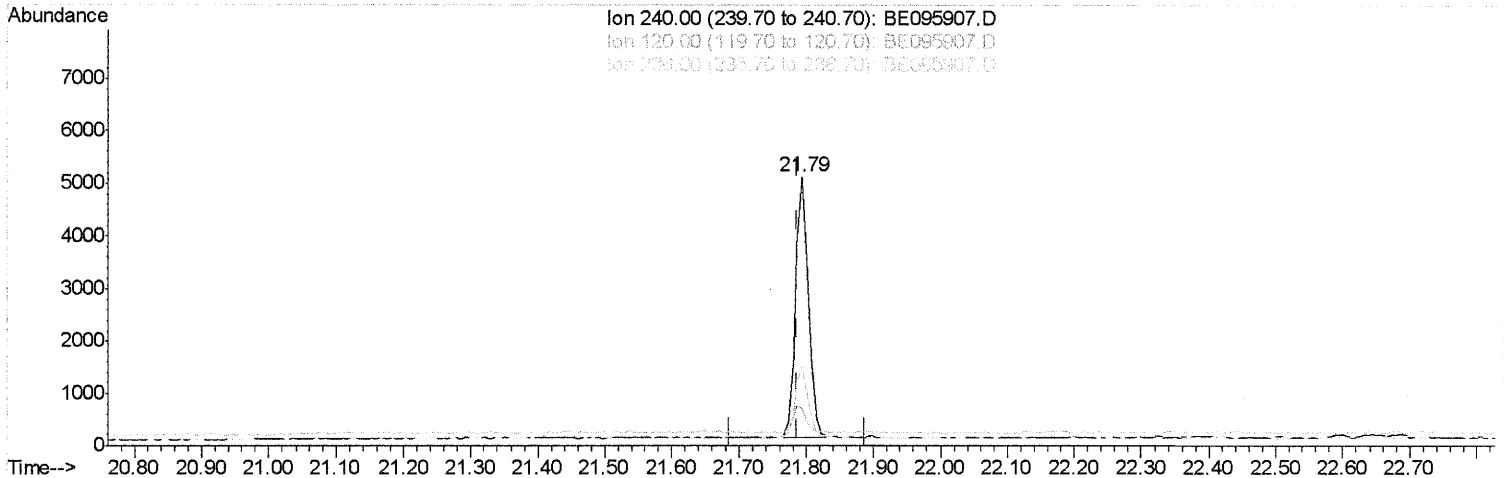
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 16:41:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



TIC: BE095907.D

(16) Chrysene-d12 (I)

21.793min (+0.006) 0.40ng/ul m

JU 3/30/18

response 6697

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	14.00#
236.00	34.90	29.36
0.00	0.00	0.00

Quantitation Report (Qedit)

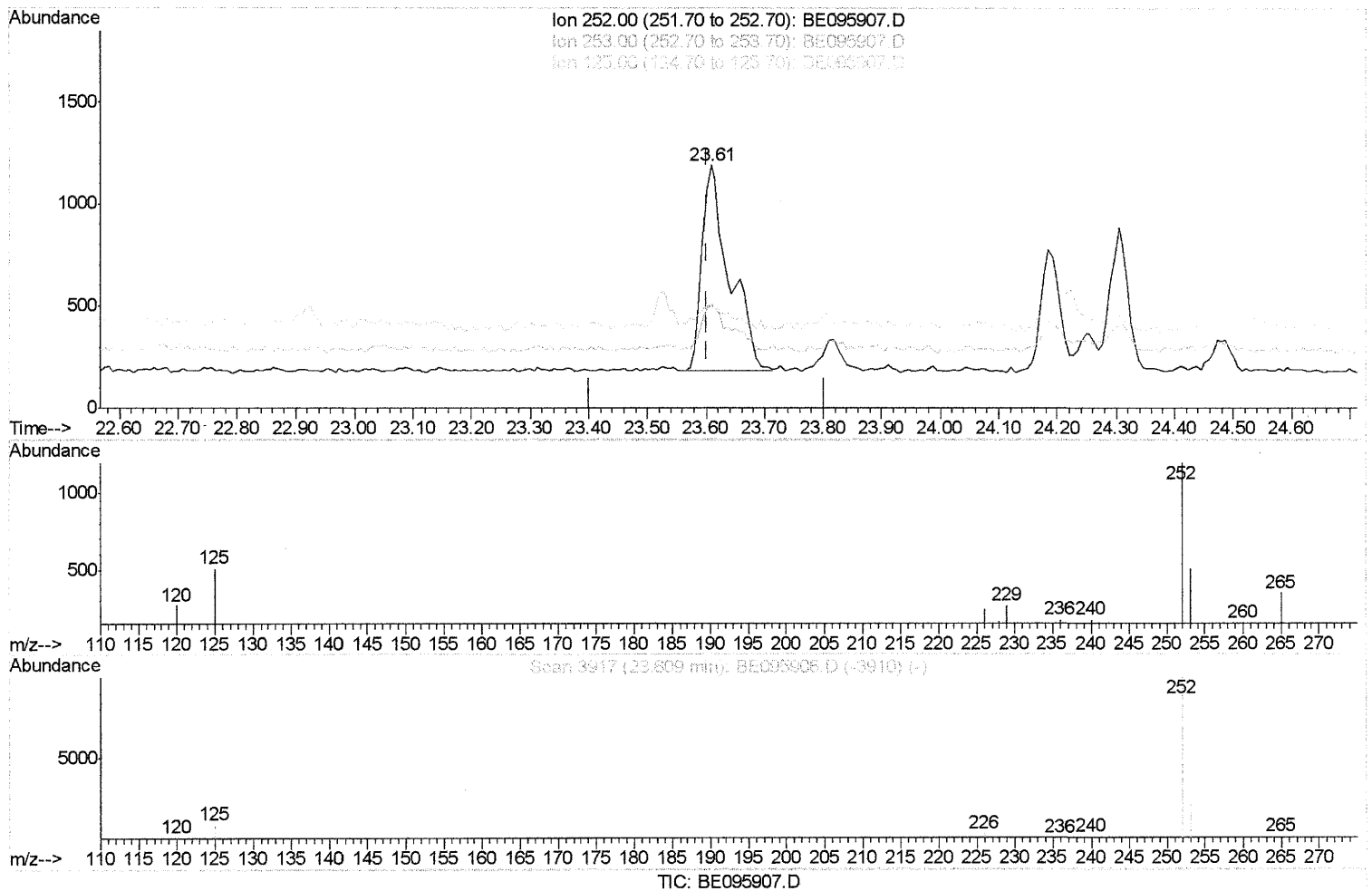
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 16:49:35 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 23.608min (+0.006) 0.13ng/ul
 response 3237

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	42.28
125.00	17.50	42.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

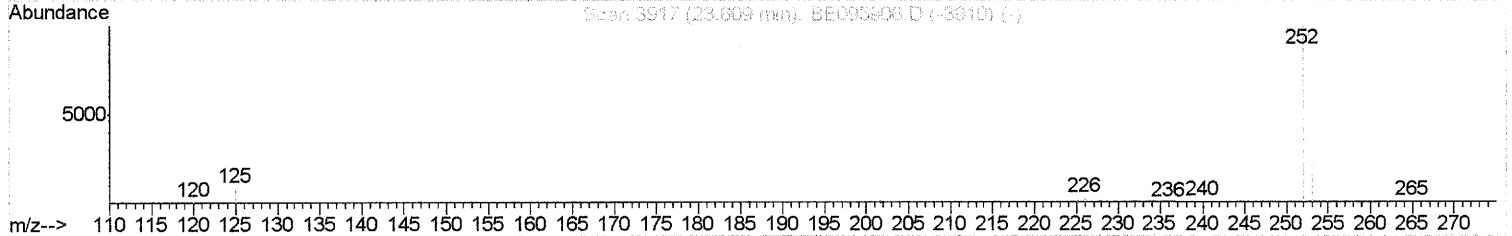
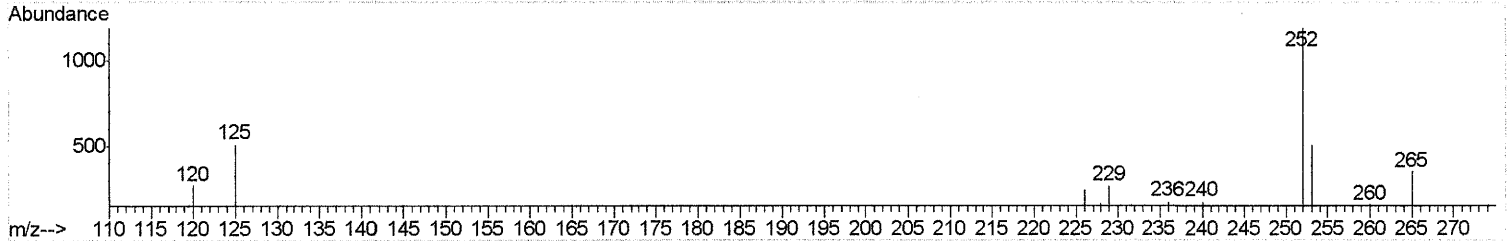
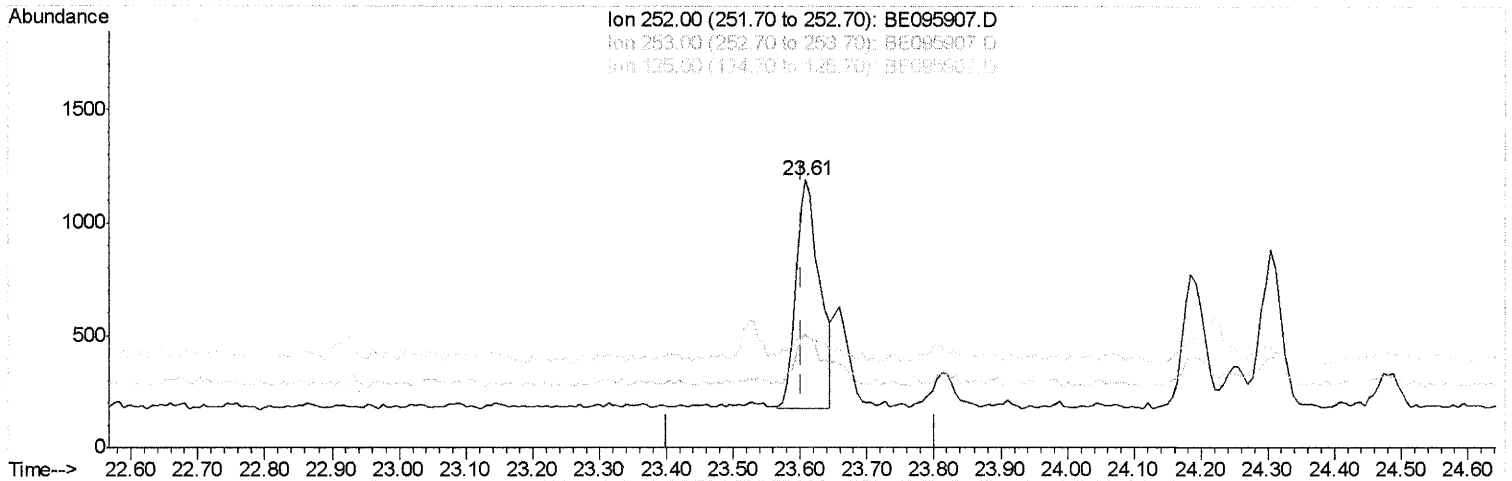
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 16:49:35 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



TIC: BE095907.D

(21) Benzo(b)fluoranthene

23.608min (+0.006) 0.10ng/ul m

10 3/30/18

response 2549

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	42.28
125.00	17.50	42.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

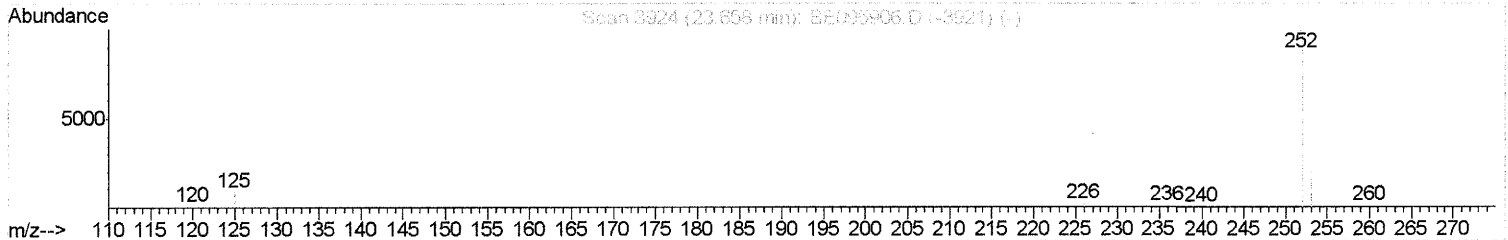
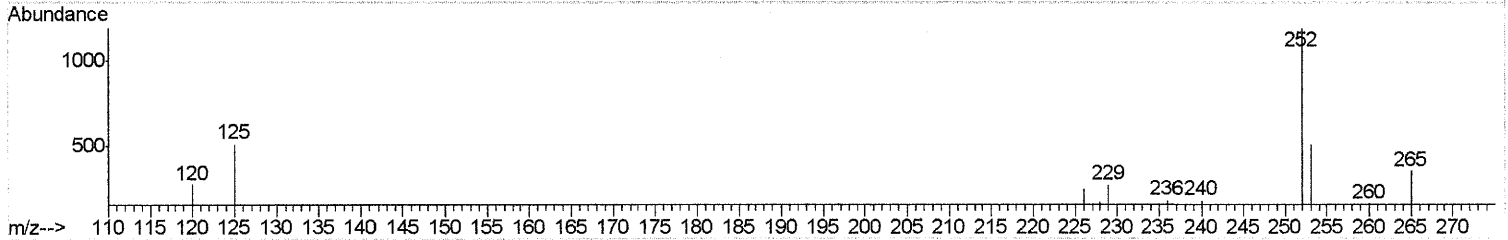
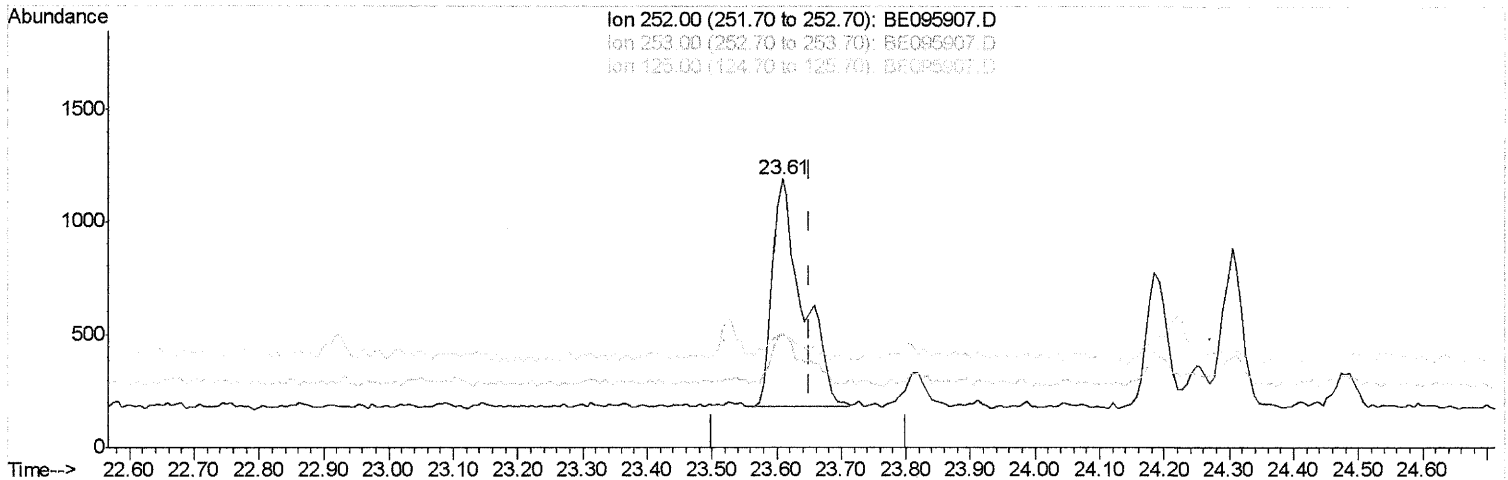
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 16:49:35 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



TIC: BE095907.D

(22) Benzo(k)fluoranthene
 23.608min (-0.043) 0.14ng/ul
 response 3237

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	42.28#
125.00	17.10	42.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

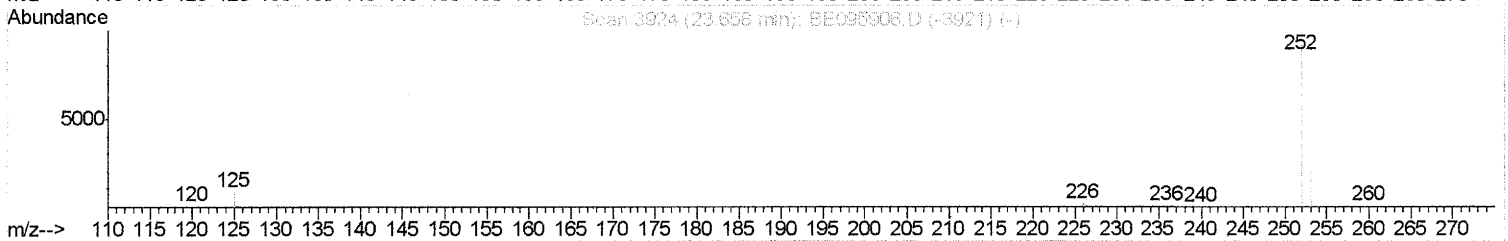
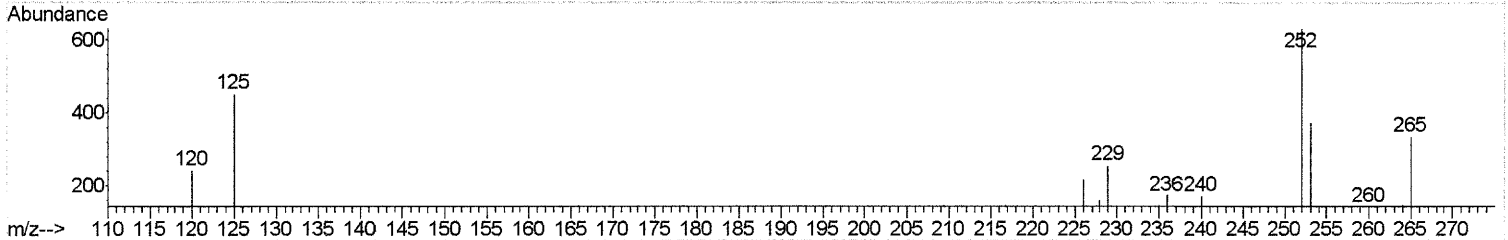
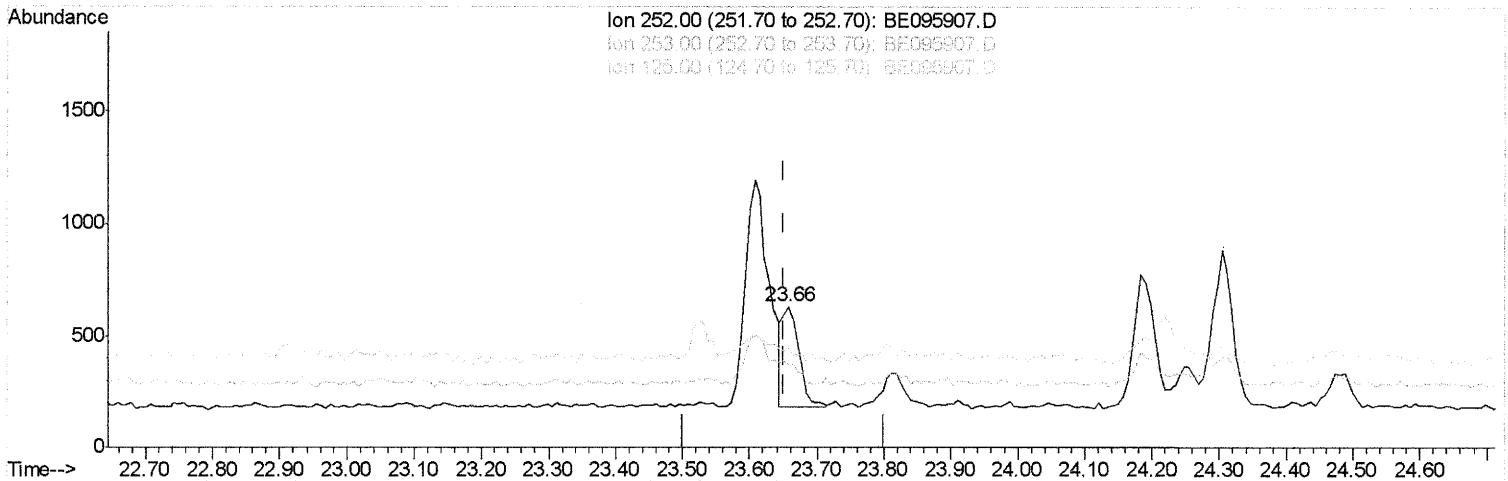
Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
 Data File : BE095907.D
 Acq On : 29 Mar 2018 10:14
 Operator : SJ/JU
 Sample : J2059-03DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 C0AK2DL

Manual Integrations
 APPROVED

Sohil
 3/29/2018 6:44:53 PM

Quant Time: Mar 29 16:49:35 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 16:32:29 2018
 Response via : Initial Calibration



TIC: BE095907.D

(22) Benzo(k)fluoranthene

23.657min (+0.006) 0.03ng/ul m

10 3/30/18

response 765

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	59.14#
125.00	17.10	71.54#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampleId :
C0AK2DL

Manual Integrations
APPROVED

Sohil
3/29/2018 6:44:53 PM

Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
Data File : BE095907.D
Acq On : 29 Mar 2018 10:14
Operator : SJ/JU
Sample : J2059-03DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 29 17:09:31 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 16:32:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1723	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5147	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3184	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	7085m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6697m	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	7013	0.40	ng/ul	0.00

> JU 3/30/18

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	631	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	1619m	0.07	ng/ul	0.00

> JU 3/30/18

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.29	128	19551	1.361	ng/ul#	88
5) 2-Methylnaphthalene	12.87	142	858	0.086	ng/ul	99
7) Acenaphthylene	14.73	152	540	0.034	ng/ul#	75
8) Acenaphthene	15.06	153	23975	1.980	ng/ul	95
9) Fluorene	16.03	166	5063	0.385	ng/ul	92
12) Phenanthrene	17.75	178	1483m	0.070	ng/ul	
15) Fluoranthene	19.71	202	6252m	0.243	ng/ul	
17) Pyrene	20.07	202	4041	0.159	ng/ul#	82
18) Benzo(a)anthracene	21.77	228	1905	0.088	ng/ul#	76
19) Chrysene	21.83	228	1668	0.076	ng/ul#	63
21) Benzo(b)fluoranthene	23.61	252	2549m	0.105	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	765m	0.033	ng/ul	
23) Benzo(a)pyrene	24.30	252	1527	0.069	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	27.23	276	964	0.039	ng/ul#	74
26) Benzo(g,h,i)perylene	28.11	276	959	0.045	ng/ul#	51

> JU 3/30/18

> JU 3/30/18

(#) = qualifier out of range (m) = manual integration (+) = signals summed